

Date: Fri, 21 Jan 94 08:06:55 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #60  
To: Info-Hams

Info-Hams Digest                      Fri, 21 Jan 94                      Volume 94 : Issue    60

Today's Topics:

                  ATV on 902-928 Mhz  
                  CTCSS encode/decode  
                  DSP Audio Filters  
      Global Alert For All: Jesus is Coming Soon (2 msgs)  
          Ham call CDROMS & SunOS/Solaris  
          Internet Call Sign Servers.  
          LA Disaster Freq's?  
          QRD?  
          QSL help pse  
          safety of HT antennas (2 msgs)  
      This Week in Amateur Radio Edition #42  
          What could this mean?  
          Yaesu FT-890AT

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 18 Jan 1994 23:57:51 -0500  
From: swrinde!cs.utexas.edu!howland.reston.ans.net!darwin.sura.net!  
pegasus.cc.ucf.edu!pegasus.cc.ucf.edu!not-for-mail@network.ucsd.edu  
Subject: ATV on 902-928 Mhz  
To: info-hams@ucsd.edu

Is there a specific group that deals with ATV around here? or am I too  
dumb to find it? I am looking for anyone with experience modifying 900  
Mhz part 15 video broadcasters for use with ATV. If anyone could be so  
kind as to direct me to an appropriate forum I would be grateful.

Reginald Swensen  
N3GUN  
rswensen@pegasus.cc.ucf.edu

-----  
Date: Thu, 20 Jan 1994 15:58:37 GMT  
From: library.ucla.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!  
col.hp.com!news.dtc.hp.com!hplextra!hplb!hpwin052!hpqmoea!dwg@network.ucsd.edu  
Subject: CTCSS encode/decode  
To: info-hams@ucsd.edu

Brent Hiller (bhiller@bigwpi.WPI.EDU) wrote:  
: I'm looking for ICs or suggestions on how to generate and decode  
: subaudible tones (CTCSS) for amateur radio. Any help would be  
: appreciated. It is part of my senior project which involves  
: building a computer controlled 2M transceiver. Thanks.

: Brent  
: bhiller@wpi.wpi.edu

I'm sure that Consumer Microcircuits Limited in the UK (phone +44 376 513833)  
have a single chip solution for this.

-----  
Date: 19 Jan 94 04:18:16 GMT  
From: swrinde!cs.utexas.edu!howland.reston.ans.net!noc.near.net!news.delphi.com!  
BIX.com!hamilton@network.ucsd.edu  
Subject: DSP Audio Filters  
To: info-hams@ucsd.edu

Yesterday, I spent a good part of the day at the HRO store in Salem, NH  
and came away rather impressed with the "digital" audio filtering in the  
Yaesu FT-990. Never mind that the 990's filtering isn't really digital --  
it was, nonetheless, impressively effective at cleaning out all the junk  
in a CW signal so that all remained was a nice, clean tone.

That's got me thinking that perhaps one of the genuine DSP-based filters  
like the Timewave DSP-59 might be even more amazing. The ads claim the  
ability to filter out white (uncorrelated) noise + do tight bandpass  
filtering. I'd love to hear comments from anyone who's got one or  
from others who've actually listened to the effects. (Unfortunately,  
HRO did not have one there on display for me to try yesterday.) Are  
they worth the money? At \$169 for the basic DSP-9 or \$299 for the DSP-59,  
we're talking the kind of money that could buy one or two xtal filters...

this is apples and oranges, but just so I get a feel for their relative effectiveness, which offers more bang for the buck, do you think?

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Date: 19 Jan 94 19:26:54 GMT  
From: att-out!cbfsb!cbnews!cbnewst!cbnewsm!jeffj@rutgers.rutgers.edu  
Subject: Global Alert For All: Jesus is Coming Soon  
To: info-hams@ucsd.edu

In article <Anthony\_Pelliccio-180194095831@138.16.64.8>  
Anthony\_Pelliccio@brown.edu (Tony Pelliccio) writes:  
>In article <2hfehn\$t1o@orion.cc.andrews.edu>, clarence@orion.cc.andrews.edu  
>(Clarence L. Thomas IV) wrote:  
>  
>> are signs that this world's history is coming to a climax. The human race  
>> has trampled on God's Constitution, as given in Exodus 20:1-17 (King James  
>> Version Bible), and Jesus is coming to set things right. These rapidly  
>> accelerating signs are an indication that Jesus is coming soon (Matthew 24).  
>  
>since this is for amateur radio. Who knows, maybe one day  
>a Ham will have a QSO with God himself.

Aren't silent keys already doing this? 8-)

Jeff

--  
Jeff Jones AB6MB | Vote out those who voted for the North American  
jeffj@seeker.mystic.com | Free Trade Agreement!  
Infolinc BBS 510-778-5929 |

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Date: Wed, 19 Jan 1994 04:02:23 GMT  
From: swrinde!cs.utexas.edu!howland.reston.ans.net!europa.eng.gtefsd.com!  
news.umbc.edu!eff!news.kei.com!news.oc.com!NewsWatcher!user@network.ucsd.edu  
Subject: Global Alert For All: Jesus is Coming Soon  
To: info-hams@ucsd.edu

In article <wa2iseCJt9F4.I73@netcom.com>, wa2ise@netcom.com (Robert Casey)  
wrote:

> I'll take this under advisement.

Apparently the mail to root/postmaster worked. I've had word recently that  
the message has been cancelled and should disappear from the newgroups

shortly. Course fat lot of good that does on the mailing lists...

As far as I can determine, the only place that didn't get 'em were the alt. newsgroups - maybe andrews.edu doesn't allow them...it would be nice to see an apology, but I guess that's too much to ask...

===== insert usual disclaimers here =====  
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists  
Bob Wier, East Texas State U., Commerce, Texas  
wier@merlin.etsu.edu (watch for address change)

-----  
Date: 19 Jan 1994 21:10:33 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!  
news.tamu.edu!furuta@network.ucsd.edu  
Subject: Ham call CDROMS & SunOS/Solaris  
To: info-hams@ucsd.edu

The QRZ! CDRom includes a version that can be searched on Unix machines and binaries for the Sun. I'm running it on SUNOS 4.1.3.

--Rick  
KE3IV

-----  
Date: 20 Jan 94 03:19:48 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!noc.near.net!  
news.delphi.com!BIX.com!hamilton@network.ucsd.edu  
Subject: Internet Call Sign Servers.  
To: info-hams@ucsd.edu

gosset@pbr322.ceingebi.unam.MX (Guillermo Gosset) writes:

>These are two Internet accessible on line call sign servers:  
>telnet callsign.cs.buffalo.edu 3000  
>and  
>telnet ns.risc.net login: hamradio (BuckMaster and Buffalo Callbooks)

Even better, assuming you have a CD-ROM drive, is the QRZ! CD from Walnut Creek CD-ROM. At \$29.95 + s/h, it's a real bargain. The callsign database is super fast -- MUCH more responsive than foolin' with something over the network. Plus, you can do things like output the results of your queries to mailing labels or to a file or whatever. Like everything else I've ever bought from Walnut Creek, this is a great product. You can call them at 800-786-9907 or 510-674-0783

or fax 510-674-0821 or thru email at [info@cdrom.com](mailto:info@cdrom.com).

Date: 18 Jan 94 17:35:31 CST  
From: elroy.jpl.nasa.gov!newncar!uchinews!cdsmaill!timbuk.cray.com!walter.cray.com!  
renaissance!wwws@ames.arpa  
Subject: LA Disaster Freq's?  
To: info-hams@ucsd.edu

```
In article <btobackCJtxII.8MG@netcom.com>, btoback@netcom.com (Bruce Toback)
writes:
|> In article <CJsGAI.DDz@srngenprp.sr.hp.com>, bsplaine@sr.hp.com (Bill Splaine)
writes:
|> > Does anyone know what the disaster freq's are for Health & Welfare Traffic?
|>
|> 7.268 7.275 3.952 3.970 224.64 -- from packet message.
```

7.220 and 7.226 were (are?) quite busy.

Walt

Walt Spector  
([wws@renaissance.cray.com](mailto:wws@renaissance.cray.com))  
Sunnyvale, California

It usually takes more than three weeks  
to prepare a good impromptu speech.  
Mark Twain

Date: Tue, 18 Jan 1994 14:16:19 GMT  
From: swrinde!cs.utexas.edu!howland.reston.ans.net!paladin.american.edu!  
darwin.sura.net!perot.mtsu.edu!raider!theporch!jackatak!root@network.ucsd.edu  
Subject: QRD?  
To: info-hams@ucsd.edu

gleason@mwk.com writes:

```
> I was listening to a folk music CD yesterday, and heard a song
> that had some morse code at the beginning...it used a Q signal
> I wasn't familiar with, and couldn't find in the ham doccos I
> had laying around...anyone know what "QRD" means?
```

QRD? - Where are you bound and where are you from?

73,

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

-----+  
| Jack GF Hill | Voice: (615) 459-2636 - Ham Call: W4PPT |



>There's one very simple thing you can do: buy an external speaker-mic for your  
>HT, and always use it. This will let you hold the rig a good foot or two from  
>most parts of your body (except the arm holding the rig).

I didn't think of that one! But it's a good suggestion, and very practical too!

I suppose this along with the other suggestion I've seen so far of a magnetic mount mobile antenna would make separating the radiating element from me much easier in some situations.

What we really need to do is wear German steel world war 2 helmets, plug the antenna into a socket on top of the helmet, and connect the earth to the helmet itself. Instant groundplane and good shielding for one's precious cranial matter!

And if we really get serious about earthing, connect a lead from the helmet to a copper stake that can be thrust into the soil in a convenient spot.

Craig, the Freight Raver.

--

Craig Dewick [Freight Raver Craig] (craig@orb.apana.org.au).

- Swimming in the MUSIQUARIUM of Life -

Always striving for a secure long-term future in an insecure short-term world.

-----  
Date: 19 Jan 1994 18:40:44 +1100

From: munnari.oz.au!uniwa!yarrina.connect.com.au!werple.apana.org.au!  
lsupoz.apana.org.au!sleeper!orb.apana.org.au!orb.apana.org.au!not-for-  
mail@network.ucsd.edu

Subject: safety of HT antennas

To: info-hams@ucsd.edu

In <wa2iseCJoqAx.CI3@netcom.com> wa2ise@netcom.com (Robert Casey) writes:

>One solution (which you may have thought of, or seen used) is to get a  
>magnetic mount 2 meter antenna, if your talkie has a BNC connector for  
>its rubber duckie. When you're in the locomotive, stick the magmount  
>up in the air a few feet from the window (away from immediately nearby  
>objects, a broad somewhat flat area is best, have antenna vertical).

Yes, I did think of this solution, although for mobile use when I'm on a train it would not be so good since the antenna would always be collecting bits of tree or tunnel or bridge or.....

In a car it's ideal though.

>(I would have thought the locos would have had built in dashboard radios,  
>and an AM/FM cassette player? :-) ). Anyway, this would get the RF away  
>from your body, and probably improve reception. A 2 meter antenna should  
>work reasonably well on radios on 160 MHz.

I wish we had radios and the like as standard fittings, but they aren't.  
Unlike truckies, who have CB's, radios, TV's, etc, we have nothing other  
than the ridiculous fixed-frequency handheld and my Sony Walkman!

(Now if only I could work out a way to put an external antenna on that  
Walkman so I can get better reception from narrowcast FM stations!)....

>Wave to the guy with the camera, he likes to photograph freight trains and  
>box cars (he's my brother).

I usually do!

Craig, the Freight Raver.

--

Craig Dewick [Freight Raver Craig] (craig@orb.apana.org.au).

- Swimming in the MUSIQUARIUM of Life -

Always striving for a secure long-term future in an insecure short-term world.

-----  
Date: Tue, 18 Jan 1994 06:03:05 GMT  
From: pacbell.com!att-out!cbnewsj!ker@ames.arpa  
Subject: This Week in Amateur Radio Edition #42  
To: info-hams@ucsd.edu

How about posting the entire text here, like the Newline report for those  
of us that don't have Satellite receivers.

In article <940114.79750.KXKVI@delphi.com> KXKVI@delphi.com writes:  
>Here is a summary of news items covered on Edition #42 of "This Week in  
>Amateur Radio", North America's satellite-delivered audio bulletin service,  
>for the week ending 21-Jan:

- >
- >1. New Jersey Amateurs Meet with Officials to Block State RF Regulation
  - >2. ARRL Proposes Lifetime Operator Licenses, Station License Term Unchanged
  - >3. League Refiles Opposition to West Carolina "Instant License" Proposal
  - >4. Contest Advisory Committee Suggests VHF Contest "Rover" Rule Changes
  - >5. Rich Moseson, NW2L, in Line for Award for "Ham Radio Horizons" Video
  - >6. NASA Select TV on New Satellite Transponder, Carries SAREX Coverage



- >7. "The RAIN Dial-up" from Chicago
- >8. Nominations Opened for DARA "Hamvention" Awards, Due by March 1st
- >9. Terry Estes, WB4ASZ, Resigns as Kentucky District Director of SERA, Inc.
- >10. "EZSATS" with Dave Mullenix, N9LTD
- >11. New Crew Launched, Successfully Docked with MIR Space Platform
- >12. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
- >13. Special Event Stations and DX Activities with Adrian Sebborn, N1JWO
- >14. Weekly Propagation Forecast with George Bowen, N2LQS
- >15. Long Island Hams Fight Hempstead, NY Zoning Decision, Form "RADIO"
- >16. "DXing the AM and FM Broadcast Bands" - Second in a Series
- >17. "Amateur Radio Newsline" from Los Angeles - Edition #857
- >18. Superball Balloon Crashes in Utah Mountains, Beacons Still Operating
- >19. Washington Amateur Warns of Havoc Created by PK-232 Reverse Forwarding
- >20. "Radio Watchers" Newsletter Solicits SWLs/Reporters
- >21. Interest in "Morse Telegraph Line" Commemorative Postage Stamp Increases

>

>Funding for the program's transmission costs and production expenses were  
>provided this week by a grant from the Southern Wisconsin Repeater Group of  
>Madison, Wisconsin, which carries "This Week in Amateur Radio" on 443.400 MHz  
>in Madison, 443.675 MHz in North Freedom, and 53.090 MHz in Fort Atkinson.

>

>"This Week in Amateur Radio" is a weekly amateur radio news and information  
>service, in audio newsmagazine format, which is produced by Community Video  
>Associates, Inc., a non-profit, charitable, tax-exempt foundation based in  
>Albany, New York. The program is carried on the "Omega Radio Network" each  
>Saturday at 7:30 PM (EST) on the Galaxy III commercial communications  
>satellite, transponder 17 (9H), 5.8 MHz wideband audio (4.040 GHz), located at  
>93.5 degrees west longitude in geosynchronous orbit, and can be heard on  
>various VHF/UHF repeaters throughout the United States and Canada, as well as  
>on 160 meters. Contact your local amateur radio club or repeater operator if  
>"This Week in Amateur Radio" is not being heard in your area.

>

>Production and transmission expenses are underwritten by contributions from  
>repeater system operators, amateur radio clubs, and individuals. For further  
>information, contact Stephan Anderman, WA3RKB, at 518/877-7374, George Bowen,  
>N2LQS, at 518/283-3665, or Adrian Sebborn, N1JWO, at 413/458-8219. You may  
>also reach them via amateur packet @ WA2UMX.#ENY.NY.USA.NA and on various  
>landline bulletin board services.

>

-----

Date: 21 Jan 1994 00:19:06 -0500

From: newshub.nosc.mil!crash!news.sprintlink.net!clark.net!clark.net!not-for-mail@network.ucsd.edu

Subject: What could this mean?

To: info-hams@ucsd.edu

In article <jfhCJw7qA.29r@netcom.com>, Jack Hamilton <jfh@netcom.com> wrote:  
>The following paragraph appeared in an article in today's San Francisco  
>Chronicle about what local companies are doing to help prepare for the next  
>earthquake:  
>  
> Finally, in an attempt to encourage the use of amateur (Ham) radios,  
> which are used by many relief agencies during an emergency, Pacific  
> Bell has reduced the cost of operating a Ham radio to the basic  
> service rate of \$8.35 a month. Ham radios are licensed through the  
> phone company.  
>  
>I called PacBel to ask about this. They didn't have any idea. They  
>realize that they don't license amateur radios, and they also don't rent  
>any kind of amateur equipment. I thought they might be referring to a  
>special rate for phone patches, but they denied knowing anything about that  
>either.  
>  
>Any ideas? Do other phone companies do anything to encourage amateur  
>radio?

I smell fish here. The telephone companies have nothing to do with  
Amateur Radio.

In my area, amateur radio clubs are required to pay business rates for  
phone lines for repeaters. The only exceptions are if the repeater is at  
your house or if the phone line is provided by the county or state. I  
would be interested to know what this means also.

Matt Roberts N3GZM

-----  
Date: 19 Jan 94 04:28:31 GMT  
From: noc.near.net!news.delphi.com!BIX.com!hamilton@uunet.uu.net  
Subject: Yaesu FT-890AT  
To: info-hams@ucsd.edu

After playing with it for some time yesterday at the local HRO, I came  
away strongly leaning toward the Yaesu FT-890AT. I should tell you I'm  
just getting started again with ham radio after having been away from all  
this since high school 25 years ago. My interest, at least initially,  
is just building up skill levels, meaning, particularly, CW. I'm a  
software type so I'm also intrigued by computer control and data  
(rtty and packet).

What struck me about the 890 was several positive points: I liked the  
physical packaging a LOT. Very nice, attractively laid-out control panel  
(though w/o a 10-key pad). Very small footprint, meaning I wouldn't be  
struggling to figure out how to make room for it. Operation seemed to

be quite simple and I did like what I could see of its performance, comparing it there against more expensive units like the 990 and 1000. And finally, while I'm not really price-sensitive (meaning that if I could convince myself I really, really, just HAD to have the most expensive thing there, price would not stop me), it certainly does strike me that it might be nice to leave some money instead for a 2m rig + TNC for the local packet BBS and other goodies.

I have looked thru the QST Reviews (btw, if there are some of you who are thinking of buying a rig but haven't bought the 2 volumes of collected QST reviews, you should buy them now) and the 890 certainly does seem to get good marks.

But let me ask the real question: is there any reason I \_shouldn't\_ buy the 890? Are there some shortcomings (like maybe the lack of an adjustable IF bandwidth or whatever) that you think I should be giving thought to before I go off and buy this unit? Have any of you bought one and been dissatisfied? Why? Any comments would be much appreciated!

Regards,  
Doug Hamilton      hamilton@bix.com      Ph 508-358-5715

-----  
Date: Wed, 19 Jan 1994 20:50:17 GMT  
From: nih-csl!helix.nih.gov!mack@uunet.uu.net  
To: info-hams@ucsd.edu

References <2hfehn\$t1o@orion.cc.andrews.edu>, <wa2iseCJt9F4.I73@netcom.com>, <wier-180194220223@198.213.12.249>elix  
Subject : Re: Global Alert For All: Jesus is Coming Soon

In article <wier-180194220223@198.213.12.249> wier@merlin.etsu.edu (Bob Wier) writes:

>In article <wa2iseCJt9F4.I73@netcom.com>, wa2ise@netcom.com (Robert Casey) >wrote:

>

>> I'll take this under advisement.

>

>Apparently the mail to root/postmaster worked. I've had word recently that >the message has been cancelled and should disappear from the newgroups >shortly. Course fat lot of good that does on the mailing lists...

>

>As far as I can determine, the only place that didn't get 'em were the >alt. newsgroups - maybe andrews.edu doesn't allow them...it would be nice >to see an apology, but I guess that's too much to ask...

>

Oh I don't think so. Why don't you ask the President of Andrew's College  
at (616)-471-3100.

Joe Mack NA3T  
mack@ncifcrf.gov

>  
> ===== insert usual disclaimers here =====  
> keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists  
> Bob Wier, East Texas State U., Commerce, Texas  
> wier@merlin.etsu.edu (watch for address change)

-----  
Date: Wed, 19 Jan 1994 22:10:45 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!paladin.american.edu!  
nic.hookup.net!news.sprintlink.net!direct!news.direct.net!kg7bk@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2hhsumINNms@abyss.West.Sun.COM>, <CJw15H.MKy@news.direct.net>,  
<2hk4tpINN125@abyss.West.Sun.COM>  
Subject : Re: Ramsey FX Transceivers

Dana Myers (myers@sunspot.West.Sun.COM) wrote:  
: >That's why Ramsey offers a free variable cap upgrade PCB.  
: Great. How many people know they need the upgrade PCB when they  
: don't have the equipment to evaluate the performance of the receiver?

Dana, most people don't have the equipment to evaluate the performance  
of Japanese receivers, either. If something is wrong, it needs to be  
fixed. My IC24AT had a problem and someone fixed it for me.

: Cecil, rather than trying to convince to stop picking on Ramsey kits  
: for their technical shortcomings, why don't you convince your buddy  
: John Ramsey to spend some hard earned cash going to a course on  
: customer relations? \* Dana H. Myers KK6JQ, DoD 466

Just for the record, my major connection to Ramsey is a magazine article.  
I have never met or talked to John Ramsey in person or on the phone. I'm  
a tinkerer and the FX kits allow me to tinker. It gives me pleasure to  
invent improvements and share them.

73, Cecil, kg7bk@indirect.com

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End of Info-Hams Digest V94 #60

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